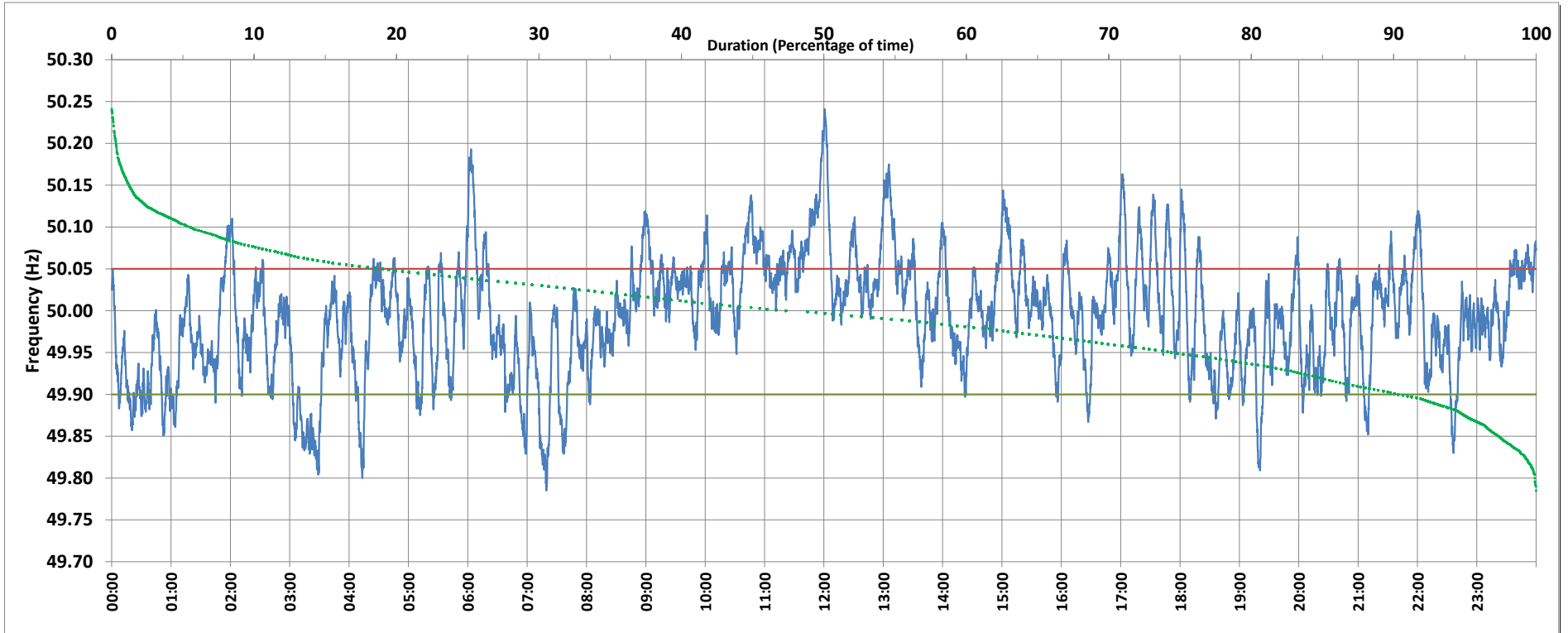


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jan-2019 (Wednesday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	9.35	34.14	0.09	9.26	41.81	43.25	5.29	71.64	99.70	35.67	13.91	47.31	30.19	19.00	0.30	25.16	55.83	15.81

Average Frequency : 49.994	Frequency Variation Index : 0.0477	Standard Deviation : 0.0688	Mileage: 48.6	FDI: 28.4
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Instantaneous Frequency		
Max	50.241	12:00:40
Min	49.785	7:19:20

15 minute Average Frequency		
Max	50.136	12:00:00
Min	49.842	3:30:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	107
above 50.00 Hz	114
below 50.00 Hz	106

Average time freq per excursion remains	
below 49.97	0:04:36
above 50.03	0:03:24

No. of hours freq outside 49.9-50.05 Hz	6:48:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)